AMENDMENTS TO THE SPECIFICATION:

Page 15, amend the paragraph beginning at line 1 as follows:

If at step 305, it is determined that the currently analysed prefetched instruction is not a procedure return instruction, then the process branches to figure 4B (illustrated by step A – item 310), where at step 400 it is determined whether the instruction is a branch with link (BL) instruction. If the instruction is a BL instruction, then the process proceeds to step 410, where it is determined whether that instruction is a conditional instruction. The steps 400, 410 are performed within the decode logic 65, and cause appropriate control signals to be issued to the prefetch control logic 55.

1100197